

## **ABSTRACT**

*PT ABC is a company engaged in telecommunications in Indonesia. PT ABC has several projects and one of them is the project of making a monitoring &controlling dashboard at PT XYZ. The project experienced delays because it was not clear whether the project itself would be done in terms of existing workflow and also the readiness of human resources in adapting to existing systematics, therefore the solution that will be given is to make risk registers and risk responses. Risk registers are useful in dealing with impacts that may occur during project work. The purpose of this final project is to identify the risks that may occur and plan the risk response to every risk that exists so that there are no delays or decreases in performance during the project work.*

*This final project is prepared using a qualitative method by identifying risks and creating risk registers on the project.*

*The identified risks will be processed using a probability impact matrix which is assessed from 7 different aspects. These aspects consist of time, cost, quality, safety & security, scope, management, and man. Filling out the questionnaire will be filled by an expert judgment and a project team that has met the specifications for filling out the questionnaire. Risks that have medium and high categories will be grouped into priority risks. The priority risk result will be used as a reference in making a risk response plan and will be given a contingency plan as a risk response plan in avoiding impacts.*

*The risks that have been identified have 59 risks with 50 negative risks and 9 positive risks. The identified risks are then processed and produce risks according to their categories. Such processing results 30 low risk, 22 medium risk, and 7 high risk.*

*The risk register is then reconstituted in order to get a risk response according to the needs and responsibility holders of the risk. The risk response consists of 21 risks having a mitigate response, 30 risks having an accept response, 3 risks having an enhanced response, and 5 risks having an exploit response*

***Key Word - risk register, probability impact matrix, contingency plan, plan risk response***